





MCFARLAND, SMITH &amp; CO.,

Titusville Morning Herald.

Tuesday, May 30, 1871.

**THE "MORNING HERALD"**, has a larger circulation than any other newspaper in Western Pennsylvania, outside of Pittsburgh. And the circulation of the **Herald in the Oil Region** is larger by **FIVE HUNDRED** copies than that of any other paper.

The "Morning Herald" contains every description of printing from a lady's visiting card to a marmoth three sheet poster. A Book Binder now established in Titusville enables us to do all kinds of work requiring, pasting or binding. Orders left at our Counting Room, sent to us by mail, or given to our agent, Mr. Will A. Sands, will receive prompt attention. We keep a full journal of Deeds, Mortgag, Leases, Judgments, Bills, &c. BLOSS BROS. & COGGSWELL.

New Advertisements To-day.

Fifty Two Ibs for Sale—J. W. Kocher.  
Lost—Canary Bird—Mrs. Chaplin.

Lost—Paisley Shawl—Leave at this office.

Grading or Filling up Lots—E. T. Wakefield.

Bank Notice—Change in time of opening.

Book Club Commandery—Meeting Wednesday evening—John Frost, G.

EVADING THE TORPEDO PATENT.—A few days ago a curious experiment was tried on Cherry Tree Run for the purpose of testing air-tamping in oil wells, in contradistinction to fluid tamping, which is essential in the Roberts-patent claim for exploding torpedoes in wells, the theory being that if the fluid tamping could be obviated, the patent could be evaded. The well was first pumped dry, the pump and sucker-rods withdrawn, and by means of a gauge of peculiar construction, the water was allowed to reach a point directly below that portion of the rock to be exploded. The torpedo being ready with a percussion apparatus attached to the bottom, it was dropped into the well. The moment it touched the water it exploded, without either driving out the casing or otherwise injuring any of the apparatus. A puff of gas from the explosion escaped into the air and all was over. The result was an increase in the production of the well from two to nine barrels per day. This most ingenious contrivance would seem to have avoided the patent, but we suppose it will be claimed that in the use of air tamping the operator was violating the patent, as atmospheric air is a fluid, according to the scientific acceptance of the term; and it matters not whether the tamping be oil, air or oil, on the top of the torpedo; so long as they come under the category of fluids, they cannot be used without violating the patent. But this is a fine point, and nobody but Judge Strong can decide it.

THE TITUSVILLE ACID WORKS.—These works, situated at the western extremity of the corporation limits, and which for several months have been in course of construction, will be ready towards the close of the week to commence manufacturing of the acid. The sulphur is first burned in eight brick furnaces 12x18 feet, enclosed in a brick building 36x33 feet and 30 feet high. The furnaces are capable of converting into sulphurous acid gas 500 pounds of sulphur per hour. They are all complete and ready to receive the sulphur. The fumes pass from here to the small leaden chamber, which occupies the upper floor of a wooden building forty feet square adjoining to the east. From thence they pass into the large leaden chamber in the main building, 14x18 feet, 43 feet, and 45 feet high. At the extreme eastern end of this chamber is a leaden tower, six foot square, and sixty five high, two-thirds full of coke, through which water is allowed to percolate, the fumes ascending through this tower to the leaden chamber and in the shape of diluted sulphuric acid flow down to eight vaporizing pans, which stand directly over the sulphur burning furnaces, previously mentioned. The heat from the burning sulphur does the work of evaporating, which is a great improvement, as it saves the fuel ordinarily used for that purpose. The water is here driven off from the acid in the vaporizing pans, until it stands 60 degrees gravity into a lead-lined storage tank at the western extremity of the rectifying or still house, a brick building 150 by 25 feet. It is then drawn into the glass rotors as required, and distilled over into a spacious leaden tank underneath the large chamber, where it is found to stand 60 degrees of gravity, or the standard commercial oil of vitrol. It is drawn off into carboys from this tank ready for shipment. At the western end of the still-house is a sixty horse boiler, which answers the double purpose of working a large Niagara pump, and supplying steam to the leaden chambers. The buildings are all up, and the exterior is being painted. The leaden chambers are in position, and fastened to their frames. The glass rotors are on the ground. They are imported, and cost \$30 each, and everything will be ready to commence manufacturing at the latter part of this, or the beginning of next week. The works have already cost nearly \$20,000, and are capable of turning out 1,000 carboys of oil of vitrol per week.

ANOTHER WRESTLING MATCH ARRANGED BETWEEN MAJOR McLAUGHLIN AND N. L. DORRANCE.—Mr. Nathan L. Dorrance, the man from Chicago, who, it will be remembered, was defeated on the 4th of February last, in the wrestling match with Major J. H. McLaughlin for \$500 a side and the champion belt of America, is again in the field. He has deposited \$400 with Mr. Ham Courier, of Buffalo, a few days ago, with a challenge to Major McLaughlin to wrestle, best two in three, for \$1,000 a side and the belt, agreeing to give or take \$250 for choice of ground. Major McLaughlin has accepted the challenge and returned to this city yesterday. He visited Mr. Courier in Buffalo and covered the amount, and also paid \$230 for the choice of ground and the privilege of naming the time. He deposited another \$500 with Mr. Courier to make up the \$1,000 and has named Titusville as the ground. As soon as Mr. Dorrance deposits the remaining \$500, the time will be named. The contest will probably take place inside of two weeks. This match will be looked forward to with more than usual interest, from the nature of the circumstances connected with the last contest. When the two men appeared on the stage at Corinthian Hall, there was a striking contrast in their physical development. Dorrance being very much inferior in that respect to McLaughlin; nor did he make up in skill for lack of development, as McLaughlin brought him repeatedly to his knees, and finally brought him down with such force as to render his left leg powerless, and thus the contest ended. As Dorrance plodded poverly, McLaughlin not only returned him his money, but also paid his hotel and doctors' bills. In view of these facts, everyone is surprised that Dorrance should make a second attempt. Major McLaughlin is disposed to give him every opportunity to win the belt, if he shows himself a more skillful and more powerful wrestler, but naturally feels that he has cost him considerable money already, and was therefore averse to going away from home, more especially when he is not compelled to do so. Mr. Dorrance will, doubtless, have fair play here and be shown as much consideration as possible in any other locality.

BANKERS' BOARD.—The bankers of Titusville held a meeting yesterday afternoon and effected an organization, to be known as the Bankers' Board. The association is composed of the President and Cashier of each banking institution, respectively, and its object is to regulate exchange, discounts, etc., and thus pursue a uniform and harmonious policy.

GRAND CONCERT.—The sale of reserved seats for the concert of the Willing Troops this evening, commences at the box office this morning at nine o'clock. The troops come well recommended by the press of Erie, and offer an attractive programme.

## Fourth of July Celebration.

PRELIMINARY MEETING—COMMITTEE TO REPORT PROGRAMME.

Persons to notice a meeting was held at the Common Council room, last evening, to concert measures for a public celebration of the Fourth of July.

On motion J. G. Jackson was appointed chairman, and B. N. Hard secretary.

C. E. Tracy stated that he had circulated the call for the celebration, and found that the citizens almost unanimously approved of it. It was two years since anything of the kind had been attempted, and from the success which attended that effort, he was confident the present undertaking would be even more so.

J. J. McCormick said that if the Fire Department and civic societies would turn out, it would make a fine public procession, and with trotting at the Driving Park in the afternoon, after a speech and other exercises in the grove, it would prove a very attractive display. He suggested that a committee be appointed, who could be subdivided and perform their allotted work. Mr. McCormick thought the Council would make a liberal appropriation for the equipment of the Fire Department.

Nelson Coombs thought an adjourned meeting would have the effect to draw a larger attendance of citizens, and secure general co-operation.

W. W. Bliss suggested an old fashioned Barbecue, and a Fourth of July dinner of roast oxen and pigs. He seconded Mr. McCormick's motion for the appointment of a committee. He thought the committee should be authorized to arrange a programme for the celebration, and submit the same to an adjourned meeting to be held on Wednesday evening. Such meeting could then modify the plan to suit themselves and appoint the necessary committee to carry it into effect.

Mr. Hard moved the appointment of the following as such committee: J. J. McCormick, C. E. Tracy, W. W. Bliss, J. J. Carter, and on motion Mr. Hard was added to the committee.

The committee were requested to meet at the Council room this afternoon at 2 o'clock, and arrange a programme for the celebration.

On motion the meeting adjourned to Wednesday evening at 8 o'clock.

I. G. JACKSON, Chairman.

B. N. HARD, Sec'y.

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